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## SK 3304.520

## TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



# SK 3304.520 - TopTherm wall-mounted cooling unit Blue e

## 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".

## Features

|                                      |                                                                                                                                                                                           |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                            | SK 3304.520                                                                                                                                                                               |
| Design                               | wall-mounted                                                                                                                                                                              |
| Product description                  | Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).                             |
| Benefits                             | May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller                                                           |
| Material                             | Sheet steel                                                                                                                                                                               |
| Colour                               | RAL 7035                                                                                                                                                                                  |
| Supply includes                      | Condenser with hydrophobic RiNano coating<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts<br>Integral electric condensate evaporation |
| Total cooling output to DIN EN 14511 | Cooling output L35 L35/50 Hz: 1 kW<br>Cooling output L35 L35/60 Hz: 1.25 kW<br>Cooling output L35 L50/50 Hz: 0.91 kW<br>Cooling output L35 L50/60 Hz: 0.9 kW                              |
| Rated operating voltage              | 200 V, 1~, 50 Hz/60 Hz                                                                                                                                                                    |
| Rated current max.                   | At 50 Hz: 4.7 A<br>At 60 Hz: 5 A                                                                                                                                                          |
| Start-up current max.                | At 50 Hz: 13.8 A<br>At 60 Hz: 16.1 A                                                                                                                                                      |

# Features

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Air throughput (unimpeded air flow)            | External circuit: 900 m³/h<br>Internal circuit: 600 m³/h                                                                                                                     |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.67<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.52                                                                             |
| Design                                         | wall-mounted                                                                                                                                                                 |
| Dimensions                                     | Width: 400 mm<br>Height: 950 mm<br>Depth: 260 mm                                                                                                                             |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54                                                                                                                             |
| Protection category NEMA                       | UL Type 12                                                                                                                                                                   |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 0.325 kg<br>Global Warming Potential (GWP): 631<br>CO2 equivalent (CO2e): 0.21 t                                                            |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)                                                                                                                                |
| Operating temperature range                    | 10 °C...55 °C                                                                                                                                                                |
| Storage temperature range                      | -40 °C...70 °C                                                                                                                                                               |
| Setting range                                  | 20 °C...55 °C                                                                                                                                                                |
| Power consumption Pel                          | Power consumption L35 L35/50 Hz: 0.66 kW<br>Power consumption L35 L35/60 Hz: 0.82 kW<br>Power consumption L35 L50/50 Hz: 0.71 kW<br>Power consumption L35 L50/60 Hz: 0.81 kW |
| Permissible operating pressure (p. max.)       | 28 bar                                                                                                                                                                       |
| Pre-fuse                                       | Transformer circuit-breaker: 6.3...10 A                                                                                                                                      |
| Packs of                                       | 1 pc(s).                                                                                                                                                                     |
| Net weight                                     | 37.05 kg                                                                                                                                                                     |
| Gross weight                                   | 39 kg                                                                                                                                                                        |
| Customs tariff number                          | 84158200                                                                                                                                                                     |
| ETIM 9                                         | EC000855                                                                                                                                                                     |

# Features

|            |          |
|------------|----------|
| ETIM 8     | EC000855 |
| ECLASS 8.0 | 27180704 |

# Approvals

|              |                                                           |
|--------------|-----------------------------------------------------------|
| Approvals    | UL + C-UL - FTTA                                          |
| Certificates | EAC                                                       |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |